

CHARACTERS OF THREE NEW SPECIES OF *ENNEA* FROM
SOUTHERN NIGERIA.

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THE species described in the present paper have been kindly handed to the author for examination by Major A. J. Peile, R.A., who writes that they were "found by Lieut. L. Rees, R.A., serving with the Lower Nigerian Regiment, when clearing a village about 50 feet above the surrounding swamps; the shells were lying in the open". The actual locality is Onoha (marked as Lokar on the map), and is approximately situated in latitude $4^{\circ} 45'$ N. and longitude $7^{\circ} 10'$ E. Having duly searched all the available, though somewhat scanty, literature on the region, the author has come to the conclusion that they have hitherto escaped notice, hence the diagnoses given below.

ENNEA PEILEI, n.sp.

Shell perforate, cylindrically ovate, yellowish-white; whorls 8, the first six regularly increasing in length and breadth, the seventh increasing in length, but not in breadth, the eighth also increasing in length, but very slightly diminishing in breadth, the apical whorls smooth, the remainder sculptured with moderately closely-set and rather oblique, transverse costulae, the last whorl bistrangulate nearly throughout its latter half; suture well impressed, umbilicus extremely narrow; columella-margin descending in a curve; labrum white, outwardly reflexed, granular in texture, the converging margins



united by an outwardly spreading, but well-defined, granular, parietal callus; aperture somewhat laterally set, sub-quadrate, armed with a weak parietal lamella situated near the junction of the outer lip with the parietal wall, an also somewhat weak projection on the inner margin of the outer lip, and two very interiorly situate, entering ridges corresponding to the strangulations visible on the outside of the shell. Alt. 4.75, diam. maj. 2.5 mm. Aperture: alt. 1, diam. .5 mm.

Hab.—Onoha or Lokar, Opobo District, S. Nigeria (Lieut. L. Rees, R.A.).

ENNEA OPOBOENSIS, n.sp.

Shell perforate, ovate (in dead condition grayish-white), whorls 6, the first four regularly increasing, the fifth increasing in length, but not so much in breadth, the sixth also increasing regularly in length, but diminishing in breadth, the upper whorls smooth, the remainder sculptured with moderately, closely-set, oblique costulæ, which become rather more distant on the last convolution; suture impressed; umbilicus very narrow, deep; columella-margin a little obliquely descending; labrum pure white, narrowly outwardly expanded; aperture taking the form of an inverted and truncated triangle, armed



with a large, broad, projecting, somewhat claviform, parietal tooth, a broad and bifurcated tooth on the inner margin of the labrum, of which the lower furcation is the weaker, a small, slightly interiorly situate, basal denticle, a well-marked, upwardly tending lamella on the median part of the columella, and, above this, a minute denticle at the point of its junction with the parietal wall. Alt. 3.75, diam. maj. 2.25 mm. Aperture: alt. .75, diam. .5 mm.

Hab.—Onoha or Lokar, Opobo District, S. Nigeria (Lieut. L. Rees, R.A.).

ENNEA REESI, n.sp.

Shell perforate, cylindrically claviform, rather thin and vitreous, pale yellowish-green; whorls $7\frac{1}{2}$, the first four and a half regularly



increasing, the fifth increasing in length, but proportionately less in breadth, the last two also increasing in length, but decreasing in

breadth, the upper whorls sculptured with transverse and distant, spiral, scratch-like striæ, the lower obliquely, transversely costulate, the costulæ being much more marked in the sub-sutural region, except on the last whorl, where they become finer, more closely set and well marked throughout its whole length; suture impressed; umbilicus moderately narrow; columella-margin obliquely descending; labrum white, narrowly expanded, the converging margins joined by a thickish and well-defined parietal callus; aperture obliquely sub-triangular, armed with a projecting, parietal, lamella-like tooth, two denticles on the inner margin of the columella lip, the lower in each case being the stronger. Alt. 6.25, diam. maj. 3 mm. Aperture: alt. 1.75, diam. 1 mm.

Hab.—Onoha or Lokar, Opobo District, S. Nigeria (Lieut. L. Rees, R.A.).
